

PATENT  
Attorney Docket No. 39573.830003.004  
Express Mail No. EL379003083US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: )  
ALLAIRE et al. )  
Serial No. 09/673922 )  
International No. PCT/US/08870 )  
Priority Date 22 April 98 )  
For: HYBRID MAGNETICALLY )  
SUSPENDED AND ROTATED )  
CENTRIFUGAL PUMPING )  
APPARATUS AND METHOD )

Examiner:

Art Unit:

PETITION UNDER 37 C.F.R. § 1.183 FOR WAIVER OF ASSIGNEE CONSENT

Box PCT  
Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

Applicants hereby petition the Assistant Commissioner to waive the requirement under 37 C.F.R. § 1.48(a) that an assignee consent to the deletion of incorrectly listed applicants. As demonstrated by the Petition Under 37 C.F.R. § 1.48(a), removing Mr. Decker and Mr. Baloh as listed inventors corrects an obvious clerical error. Furthermore, once Mr. Decker and Mr. Baloh are removed as inventors, the assignments and oaths executed by the remaining inventors are correct and new documentation is not necessary. Therefore, it is respectfully requested that the requirement for assignee consent under 37 C.F.R. § 148(a) be waived.

In accordance with 37 C.F.R. § 1.183, a check in the amount of \$130.00 is enclosed as prescribed in 37 C.F.R. § 1.17(h). Please charge Deposit Account No. 08-2623 for any additional fees that may be required for consideration of this petition. One additional copy of this petition is attached.

Signed at Denver, Colorado, this 8<sup>th</sup> day of December 2000.

Respectfully submitted,



---

Brian Kinnear, Reg. No. 43,717  
Holland & Hart LLP  
555 17<sup>th</sup> Street, Suite 3200  
P.O. Box 8749  
Denver, Colorado 80401-9749  
Telephone: (303) 295-8170  
Facsimile: (303) 295-8261

PTO/PCT Rec'd 08 DEC 2000

#3

PATENT  
Attorney Docket No. 39573.830003.004  
Express Mail No. EL379003083US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: )  
ALLAIRE et al. )  
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International No. PCT/US/08870 )  
Priority Date 22 April 98 )  
For: HYBRID MAGNETICALLY )  
SUSPENDED AND ROTATED )  
CENTRIFUGAL PUMPING )  
APPARATUS AND METHOD )

Examiner: *RECEIVED*

Art Unit: *20 DEC 2000*

*RECEIVED*

PETITION UNDER 37 C.F.R. § 1.183 FOR WAIVER OF A NEW OATH

Box PCT  
Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

Applicants hereby petition the Assistant Commissioner to waive the requirement under 37 C.F.R. § 1.48(a) that a new oath be submitted to delete incorrectly listed applicants. As demonstrated by the Petition Under 37 C.F.R. § 1.48(a), removing Mr. Decker and Mr. Baloh as listed inventors corrects an obvious clerical error. Furthermore, once Mr. Decker and Mr. Baloh are removed as inventors, the oath submitted on October 20, 2000, includes all the correct inventors, a copy of the oath is attached to the Response to the Notice to File Missing Parts. Because the oath submitted on October 20, 2000, contains the signatures of all listed inventors (once Misters Decker and Baloh are removed), a new oath is, therefore, not necessary.

In accordance with 37 C.F.R. § 1.183, a check in the amount of \$130.00 is enclosed as prescribed in 37 C.F.R. § 1.17(h). Please charge Deposit Account No. 08-2623 for any additional fees that may be required for consideration of this petition. One additional copy of this petition is attached.

12/13/2000 ERIHANDO 00000044 09673922

03 FC:122

130.00 DP

Signed at Denver, Colorado, this 8<sup>th</sup> day of December 2000.

Respectfully submitted,



Brian Kinnear, Reg. No. 43,717  
Holland & Hart LLP  
555 17<sup>th</sup> Street, Suite 3200  
P.O. Box 8749  
Denver, Colorado 80401-9749  
Telephone: (303) 295-8170  
Facsimile: (303) 295-8261

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PATENT  
Attorney Docket No. 39573.830003.0004  
Express Mail No. EL379003083US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of )  
ALLAIRE et al. )  
 )  
 ) Group Art Unit:  
Serial No. 09/673922 )  
International No. PCT/US/08870 ) Examiner:  
Priority Date: 22 April 98 )  
 )  
For: HYBRID MAGNETICALLY )  
SUSPENDED AND ROTATED )  
CENTRIFUGAL PUMPING )  
APPARATUS AND METHOD )  
 )

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RESPONSE TO NOTICE TO FILE MISSING PARTS

Box PCT  
Asst. Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Notice to File Missing Parts of Application mailed November 8, 2000, for the above-identified application (a copy of which is attached), the period for which to respond extends until December 8, 2000, is a petition to correct inventorship under 37 C.F.R. § 1.48(a) and a petition to suspend certain rules under 37 C.F.R. § 1.183. A stated in the petition, Mr. Decker and Mr. Baloh were **not** listed as inventors on the priority document for this application, which is United States Patent Application No. 09/064,352. Because Mr. Decker and Mr. Baloh were listed as inventors/applicants on the corresponding PCT application due to a clerical error without any deceptive intent, the petition to remove them as inventors/applicants should be granted. Once the petition is granted, the remaining inventors respectfully submit that the original declaration, a copy of which is attached, is not defective because all the true inventors are listed.

Enclosed is a check in the amount of \$65.00, which is the small entity surcharge associated with responding to a Notification of Missing Requirements. If any fee not otherwise accounted for, including any fee for an extension of time, is required, please charge any such fee to Deposit Account 082623. A duplicate copy of this letter is enclosed.

Respectfully submitted,



Brian Kinnear, Reg. No. 43,717  
ATTORNEY FOR APPLICANT  
HOLLAND & HART LLP  
Post Office Box 8749  
555 17<sup>th</sup> Street, suite 3200  
Denver, Colorado 80201-8749  
Telephone: (303) 295-8170

## **DECLARATION, POWER OF ATTORNEY AND PETITION**

We, **PAUL E. ALLAIRE, GILL B. BEARNSON, RON FLACK, DON B. OLSEN, and JAMES W. LONG, Jr.**, declare that they are citizens of the United States of America, **B. AJIT KUMAR and PRATAP S. KHANWILKAR**, declare that they are citizens of the Republic of India, and **M. MARY SINNOTT** declares that she is a citizen of Canada; that their residence and post office addresses are **805 Emerson Drive, Charlottesville, Virginia 22901; 982 East Jasper Circle, Salt Lake City, Utah 84106; 4265 Viewmont Road, Earlysville, Virginia 22936; 8832 Blue Jay Lane, Salt Lake City, Utah 84121; 4461 South Parkview Drive, Salt Lake City, Utah 84124; 825 North 300 West, Suite NE107, Salt Lake City, Utah 84103; 1651 East Shadow Cove, Salt Lake City, Utah 84121 and 4192 Sunrise Drive, Park City, Utah 84098**; respectively; that they verily believe they are the original, first, and joint inventors of the subject matter of the invention or discovery entitled **Implantable Centrifugal Blood Pump with Hybrid Magnetic Bearings**, for which a patent is sought and which is described and claimed in the specification filed **April 22, 1998** under **Serial No. 09/064,352**; that they have reviewed and understand the contents of the above-identified specification, including the claims; and that they acknowledge the duty to disclose information which is material to the examination of this application in accordance with Section 1.56(a) of Title 37 of the Code of Federal Regulations.

They declare further that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by

fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the application or any patent issuing thereon.

We hereby appoint as our attorneys and/or patent agents, CALVIN E. THORPE, Registration No. 24,928, VAUGHN W. NORTH, Registration No. 27,930, M. WAYNE WESTERN, Registration No. 22,788, GRANT R. CLAYTON, Registration No. 32,462, ALAN J. HOWARTH, Registration No. 36,553, KARL R. CANNON, Registration No. 36,468, RANDALL B. BATEMAN, Registration No. DAVID W. O'BRYANT, Registration No. 39,793, FRANK W. COMPAGNI, Registration No. 40,567, GARRON M. HOBSON, Registration No. 41,073, and KENNETH H. TARBET, Registration No. P43,181, all with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. All correspondence and telephonic communications should be directed to:

VAUGHN W. NORTH  
THORPE, NORTH & WESTERN, LLP  
P.O. Box 1219  
Sandy, Utah 84091-1219  
Telephone: (801)566-6633  
Facsimile: (801)566-0750

Wherefore, We pray that Letters Patent be granted to us for the invention or discovery described and claimed in the foregoing specification and claims, declaration, power of attorney, and this petition.

Signed at Charlottesville, VA, this 29 day of  
July, 1998.

Inventor: Paul Allaire  
PAUL E. ALLAIRE

Signed at Salt Lake City, Utah, this 21 day of  
July, 1998.

Inventor: Gill Bearnson  
GILL B. BEARNSON

Signed at Salt Lake City, Utah, this 22 day of  
July, 1998.

Inventor: M. Mary  
M. MARY SINNOTT

Signed at Salt Lake City, Utah, this 21 day of  
July, 1998.

Inventor: B. Ajit Kumar  
B. AJIT KUMAR

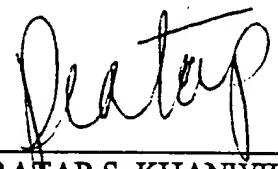
Signed at Charlottesville, VA, this 29 day of  
July, 1998.

Inventor: Ron Flack  
RON FLACK

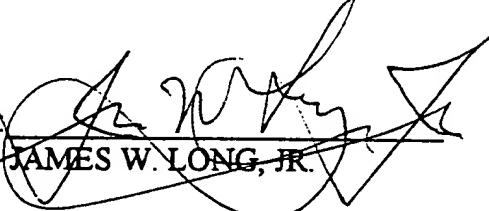
Signed at Salt Lake City, Utah, this 22 day of  
July, 1998.

Inventor:   
DON B. OLSEN

Signed at Salt Lake City, Utah, this 21 day of  
July, 1998.

Inventor:   
PRATAP S. KHANWILKAR

Signed at Salt Lake City, Utah, this 21 day of  
July, 1998.

Inventor:   
JAMES W. LONG, JR.

12/13/2000 00000044 09673922 200000  
PCT/US/98 0830003

HB

PATENT  
Attorney Docket No. 39573.830003.004  
Express Mail No. EL379003083US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: )  
ALLAIRE et al. )  
Serial No. 09/673922 ) Examiner:  
International No. PCT/US/08870 )  
Priority Date 22 April 98 )  
For: HYBRID MAGNETICALLY )  
SUSPENDED AND ROTATED )  
CENTRIFUGAL PUMPING )  
APPARATUS AND METHOD )

PETITION UNDER 37 C.F.R. § 1.48(a)

Box PCT  
Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

Applicants hereby petition the Assistant Commissioner to correct the obvious clerical error that occurred without deceptive intent and relates to the inventorship of the above-identified application by deleting Mr. Jeffery Decker and Mr. Michael Baloh from the list of inventors, for the reasons set forth below.

In accordance with 37 C.F.R. § 1.48(a), a check in the amount of \$130.00 is enclosed as prescribed in 37 C.F.R. § 1.17(i). Please charge Deposit Account No. 08-2623 for any additional fees that may be required for consideration of this petition. One additional copy of this petition, without attachments, is attached.

FACTS DEMONSTRATING OBVIOUS CLERICAL ERROR

1. On May 2, 1997, United States Patent Application No. 08/850,598, now U.S. Patent No. 6,074,180, was filed on behalf of Pratap S. Khanwilkar, Paul E. Allarie, Gill Brent Bearnson, Don B. Olsen, Eric H. Maslen, and James W. Long.

2. On February 20, 1998, a declaration by the above inventors was filed in

response to a Notice to file Missing Parts for United States Patent Application No. 08/850,598, a copy of which is attached to this petition as Exhibit A.

3. On April 22, 1998, a Continuation-in-Part United States Patent Application No. 09/064,352, now abandoned, was filed on behalf of the same inventive entity, which is Pratap S. Khanwilkar, Paul E. Allarie, Gill Brent Bearnson, Don B. Olsen, Eric H. Maslen, and James W. Long. The Continuation-in-Part correctly claimed priority to Parent United States Patent Application No. 08/850,598

4. On September 30, 1998, a declaration by the above inventors was filed in response to a Notice to File Missing Parts for United States Patent Application No. 09/064,352, a copy of which is attached to this petition as Exhibit B.

5. On April 22, 1999, a copy of United States Patent Application No. 09/064,352 was filed as an International Application under the Patent Cooperation Treaty. This PCT Application was designated as International Application No. PCT/US/08870.

6. Due to a clerical error that occurred without deceptive intent, International Application No. PCT/US/08870 included Mr. Jeffery Decker and Mr. Michael Baloh as applicants and inventors. Mr. Decker and Mr. Baloh were included as applicants in the filing documentation, a partial copy of which is attached to this petition as Exhibit C.

7. As is clear and obvious from the above, the inclusion of Mr. Decker and Mr. Baloh as inventors in the International Application was a clerical error that occurred without deceptive intent.

Therefore, it is respectfully requested that this petition be granted and Mr. Decker and Mr. Baloh be removed as inventors in United States Application No. 09/673922.

If anyone in the U.S. Patent and Trademark Office wishes to discuss any aspect of this petition, they should call the undersigned attorney at 303-295-8170.

Signed at Denver, Colorado, this 8<sup>th</sup> day of December 2000.

Respectfully submitted,



Brian Kinnear, Reg. No. 43,717  
Holland & Hart LLP  
555 17<sup>th</sup> Street, Suite 3200  
P.O. Box 8749  
Denver, Colorado 80401-9749  
Telephone: (303) 295-8170  
Facsimile: (303) 295-8261

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**DECLARATION, POWER OF ATTORNEY AND PETITION**

We, Pratap S. Khanwilkar, Paul E. Allaire, Gill Brent Bearnson, Don B. Olsen, Eric H. Maslen, and James W. Long, declare: that we are citizens of the United States of America except Mr. Khanwilkar who is a citizen of the Republic of India; that our post office addresses are 1651 East Shadow Cove, Salt Lake City, Utah 84121; 805 Emerson Drive, Charlottesville, Virginia 22901; 982 East Jasper Circle, Salt Lake City, Utah 84106; 8832 Blue Jay Lane, Salt Lake City, Utah 84121; 748 Reas Ford Road, Earlysville, Virginia 22903; and 4461 South Parkview Drive, Salt Lake City, Utah 84124, respectively; that we verily believe we are the original, first, and joint inventors of the subject matter of the invention or discovery entitled **HYBRID MAGNETICALLY SUSPENDED AND ROTATED CENTRIFUGAL PUMPING APPARATUS AND METHOD**, for which a patent is sought and which is described and claimed in the specification attached hereto; that we have reviewed and understand the contents of the above-identified specification, including the claims; and that we acknowledge the duty to disclose information which is material to the examination of this application in accordance with § 1.56(a) of Title 37 of the Code of Federal Regulations.

We declare further that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under

§ 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the application or any patent issuing thereon.

We hereby appoint as our attorneys and/or patent agents, CALVIN E. THORPE, Registration No. 24,928, VAUGHN W. NORTH, Registration No. 27,930, M. WAYNE WESTERN, Registration No. 22,788, GRANT R. CLAYTON, Registration No. 32,462, ALAN J. HOWARTH, Registration No. 36,553, KARL R. CANNON, Registration No. 36,468, RANDALL B. BATEMAN, Registration No. 37,774, DAVID W. O'BRYANT, Registration No. 39,793, and FRANK W. COMPAGNI, Registration No. 40,567, all with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

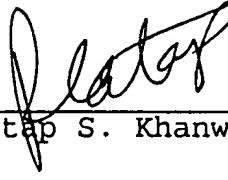
All correspondence and telephonic communications should be directed to:

Vaughn W. North  
THORPE, NORTH & WESTERN  
9035 South 700 East, Suite 200  
Sandy, Utah 84070  
Telephone: (801) 566-6633  
Facsimile: (801) 566-0750

Wherefore, we pray that Letters Patent be granted to us for the invention or discovery described and claimed in the foregoing specification and claims, declaration, power of attorney, and this petition.

Signed at Salt Lake City UTAH, this 12<sup>th</sup> day of  
FEBRUARY 1998.

Inventor:

  
Pratap S. Khanwilkar

---

Signed at Charlottesville VA, this 3 day of  
February, 1998.

Inventor:

  
Paul E. Allaire

---

Signed at Salt Lake City, UT, this 12 day of  
Feb., 1998.

Inventor:

  
Gill Brent Bearnson

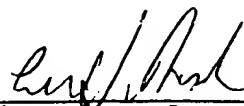
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Signed at Salt Lake City, Utah, this 17 day of  
February, 1998.

Inventor:

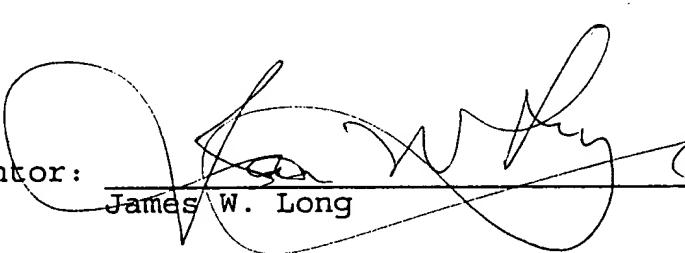
  
Don B. Olsen

Signed at Charlottesville, VA, this 5<sup>th</sup> day of  
February, 1998.

Inventor:   
Eric H. Maslen

---

Signed at SALT LAKE CITY UTAH, this 13<sup>th</sup> day of  
FEBRUARY, 1998.

Inventor:   
James W. Long

Box No. VI PRIORITY CLAIM		<input type="checkbox"/> Further priority claim indicated in the Supplemental Box.		
Filing date of earlier application (day/month/year)	Number of earlier application	Where earlier application is:		
		national application: country	regional application: regional Office	international application: receiving Office
item (1) 22/04/98	09/064,352	US		
item (2)				
item (3)				

The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of the present international application is the receiving Office) identified above as item(s):

• Where the earlier application is an ARIPO application, it is mandatory to indicate in the Supplemental Box at least one country party to the Paris Convention for the Protection of Industrial Property for which that earlier application was filed (Rule 4.10(b)(ii)). See Supplemental Box.

**Box No. VII INTERNATIONAL SEARCHING AUTHORITY**

**Box No. VIII CHECK LIST: LANGUAGE OF FILING**

This international application contains the following number of sheets:		This international application is accompanied by the item(s) marked below:	
request	: 6	1. <input type="checkbox"/> fee calculation sheet	
description (excluding sequence listing part)	: 25	2. <input type="checkbox"/> separate signed power of attorney	
claims	: 5	3. <input type="checkbox"/> copy of general power of attorney; reference number, if any:	
abstract	: 1	4. <input type="checkbox"/> statement explaining lack of signature	
drawings	: 15	5. <input type="checkbox"/> priority document(s) identified in Box No. VI as item(s):	
sequence listing part of description	: _____	6. <input type="checkbox"/> translation of international application into (language):	
Total number of sheets : 46		7. <input type="checkbox"/> separate indications concerning deposited microorganism or other biological material	
		8. <input type="checkbox"/> nucleotide and/or amino acid sequence listing in computer readable form	
		9. <input type="checkbox"/> other (specify): _____	

**Box No. IX SIGNATURE OF APPLICANT OR AGENT**

Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the requisit).

UNIVERSITY OF UTAH

MEDQUEST PRODUCTS, INC.

Bru-Bon  
M. J. Janzen, Director

Brent Brown, Licensing Associate

Pratap Singh Sikar, President

For receiving Office use only	
1. Date of actual receipt of the purported international application:	2. Drawings:  <input type="checkbox"/> received:  <input type="checkbox"/> not received:
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:	
4. Date of timely receipt of the required corrections under PCT Article 11(2):	
5. International Searching Authority (if two or more are competent): <b>ISA /</b>	6. <input type="checkbox"/> Transmittal of search copy delayed until search fee is paid.

For International Bureau use only

## Supplemental Box

If the Supplemental Box is not used, this sheet should not be included in the request.

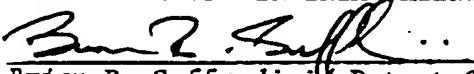
1. If, in any of the Boxes, the space is insufficient to furnish all the information: in such case, write "Continuation of Box No. ..." [indicate the number of the Box] and furnish the information in the same manner as required according to the captions of the Box in which the space was insufficient, in particular:

- (i) if more than two persons are involved as applicants and/or inventors and no "continuation sheet" is available: in such case, write "Continuation of Box No. III" and indicate for each additional person the same type of information as required in Box No. III. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below;
  - (ii) if, in Box No. II or in any of the sub-boxes of Box No. III, the indication "the States indicated in the Supplemental Box" is checked: in such case, write "Continuation of Box No. II" or "Continuation of Box No. III" or "Continuation of Boxes No. II and No. III" (as the case may be), indicate the name of the applicant(s) involved and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is applicant;
  - (iii) if, in Box No. II or in any of the sub-boxes of Box No. III, the Inventor or the Inventor/applicant is not Inventor for the purposes of all designated States or for the purposes of the United States of America: in such case, write "Continuation of Box No. II" or "Continuation of Box No. III" or "Continuation of Boxes No. II and No. III" (as the case may be), indicate the name of the inventor(s) and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is inventor;
  - (iv) if, in addition to the agent(s) indicated in Box No. IV, there are further agents: in such case, write "Continuation of Box No. IV" and indicate for each further agent the same type of information as required in Box No. IV;
  - (v) if, in Box No. V, the name of any State (or OAPI) is accompanied by the indication "patent of addition," or "certificate of addition," or if, in Box No. V, the name of the United States of America is accompanied by an indication "continuation" or "continuation-in-part": in such case, write "Continuation of Box No. V" and the name of each State involved (or OAPI), and after the name of each such State (or OAPI), the number of the parent title or parent application and the date of grant of the parent title or filing of the parent application;
  - (vi) if, in Box No. VI, there are more than three earlier applications whose priority is claimed: in such case, write "Continuation of Box No. VI" and indicate for each additional earlier application the same type of information as required in Box No. VI;
  - (vii) if, in Box No. VI, the earlier application is an ARIPO application: in such case, write "Continuation of Box No. VI", specify the number of the item corresponding to that earlier application and indicate at least one country party to the Paris Convention for the Protection of Industrial Property for which that earlier application was filed.
2. If, with regard to the precautionary designation statement contained in Box No. V, the applicant wishes to exclude any State(s) from the scope of that statement: in such case, write "Designation(s) excluded from precautionary designation statement" and indicate the name or two-letter code of each State so excluded.
3. If the applicant claims, in respect of any designated Office, the benefits of provisions of the national law concerning non-prejudicial disclosures or exceptions to lack of novelty: in such case, write "Statement concerning non-prejudicial disclosures or exceptions to lack of novelty" and furnish that statement below.

## CONTINUATION OF BOX IX:

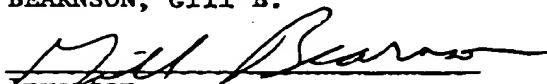
UNIVERSITY OF VIRGINIA PATENT FOUNDATION

ALLAIRE, Paul E.

  
 Brian R. Suffredini, Patent Counsel

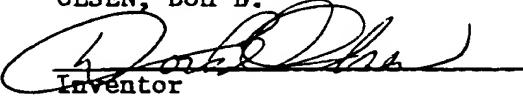
Inventor

BEARNSON, Gill B.

  
 Gill B. Bearnson

Inventor

OLSEN, Don B.

  
 Don B. Olsen

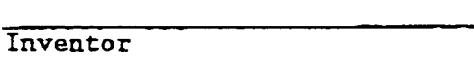
Inventor

KUMAR, B. Ajit

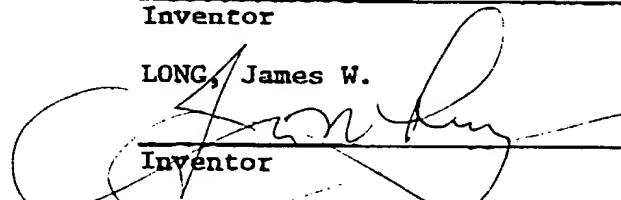
  
 B. Ajit Kumar

Inventor

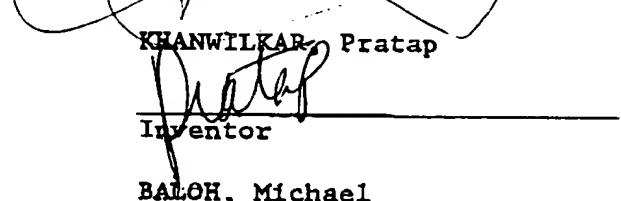
DECKER, Jeffrey

  
 Jeffrey Decker

Inventor

  
 James W. Long

Inventor

  
 Pratap Khanwilkar

Inventor

Inventor

  
 Michael Baloh

Inventor

## Supplemental Box

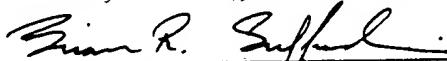
If the Supplemental Box is not used, this sheet should not be included in the request.

1. If, in any of the Boxes, the space is insufficient to furnish all the information: in such case, write "Continuation of Box No. ..." [indicate the number of the Box] and furnish the information in the same manner as required according to the captions of the Box in which the space was insufficient, in particular:

- (i) if more than two persons are involved as applicants and/or inventors and no "continuation sheet" is available: in such case, write "Continuation of Box No. III" and indicate for each additional person the same type of information as required in Box No. III. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below;
  - (ii) if, in Box No. II or in any of the sub-boxes of Box No. III, the indication "the States indicated in the Supplemental Box" is checked: in such case, write "Continuation of Box No. II" or "Continuation of Box No. III" or "Continuation of Boxes No. II and No. III" (as the case may be), indicate the name of the applicant(s) involved and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is applicant;
  - (iii) if, in Box No. II or in any of the sub-boxes of Box No. III, the inventor or the inventor/applicant is not inventor for the purposes of all designated States or for the purposes of the United States of America: in such case, write "Continuation of Box No. II" or "Continuation of Box No. III" or "Continuation of Boxes No. II and No. III" (as the case may be), indicate the name of the inventor(s) and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is inventor;
  - (iv) if, in addition to the agent(s) indicated in Box No. IV, there are further agents: in such case, write "Continuation of Box No. IV" and indicate for each further agent the same type of information as required in Box No. IV;
  - (v) if, in Box No. V, the name of any State (or OAPI) is accompanied by the indication "patent of addition," or "certificate of addition," or if, in Box No. V, the name of the United States of America is accompanied by an indication "continuation" or "continuation-in-part": in such case, write "Continuation of Box No. V" and the name of each State involved (or OAPI), and after the name of each such State (or OAPI), the number of the parent title or parent application and the date of grant of the parent title or filing of the parent application;
  - (vi) if, in Box No. VI, there are more than three earlier applications whose priority is claimed: in such case, write "Continuation of Box No. VI" and indicate for each additional earlier application the same type of information as required in Box No. VI;
  - (vii) if, in Box No. VI, the earlier application is an ARIPO application: in such case, write "Continuation of Box No. VI", specify the number of the item corresponding to that earlier application and indicate at least one country party to the Paris Convention for the Protection of Industrial Property for which that earlier application was filed.
2. If, with regard to the precautionary designation statement contained in Box No. V, the applicant wishes to exclude any State(s) from the scope of that statement: in such case, write "Designation(s) excluded from precautionary designation statement" and indicate the name or two-letter code of each State so excluded.
3. If the applicant claims, in respect of any designated Office, the benefits of provisions of the national law concerning non-prejudicial disclosures or exceptions to lack of novelty: in such case, write "Statement concerning non-prejudicial disclosures or exceptions to lack of novelty" and furnish that statement below.

## CONTINUATION OF BOX IX:

University of Virginia Patent Foundation



Brian R. Suffredini, Patent Counsel

BEARNSON, Gill B.

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Inventor

OLSEN, Don B.

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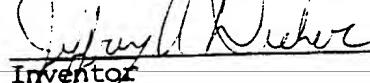
Inventor

KUMAR, B. Ajit

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Inventor

DECKER, Jeffery



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Inventor

ALLAIRE, Paul E.



Inventor

FLACK, Ron



Inventor

LONG, James W.

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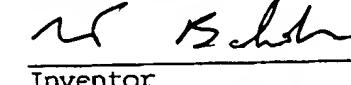
Inventor

KHANWILAKR, Pratap

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Inventor

BALOH, Michael



Inventor